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Group 2700

- (c) a product cavity in communication with the product material channel;
- (d) the product material inlet, the product material channel, and the product cavity define a flow path for a product material to flow therein;
- (e) a flow device assembly[, a portion of the flow device assembly is in communication with the flow path] having a flow channel arranged along the product material channel such that the flow path extends through the flow channel;
- (f) a flow device actuation assembly[, the flow device actuation assembly is operatively associated with the flow device assembly, operation of the flow device actuation assembly controls the portion of the flow device assembly which is in communication with the flow path, the flow device actuation assembly is thereby operative] which is operably connected to alter [the] a posture of said [portion] flow channel with respect to the product material channel;

whereby as product material flows in the flow path from the inlet to the product cavity, the flow device actuation assembly is operative to control [the] pressure, volumetric, and/or mass flow rate conditions of the product material filling the product cavity.

2. (Amended) A tooling assembly[,] comprising:

- (a) a product material inlet[:];
- (b) [(a)] first and second product material channels in communication with the product material inlet;
- (c) first and second product cavities in communication with the first and second product material channels, respectively;
- (d) [(b)] the product material inlet, the first and second product material channels, and the first and second product cavities define a pair of flow paths for a product material to flow therein;
- (e) [(c)] a [plurality] pair of flow device assemblies each comprising a [portion in communication with the flow

path] flow channel arranged along a respective one of the first and second product material channels such that each of the flow paths extends through a respective one of the flow channels;

- (f) [(d)] a [plurality] pair of flow device actuation assemblies[, the flow device actuation assemblies are operatively associated with a respective flow device assembly, operation of a flow device actuation assembly controls the portion of its respective flow device assembly which is in communication with the flow path, thereby altering the flow path by changing the] each of which is operably connected to alter a posture of a respective said [portion] flow channel with respect to [the] its respective said product material channel;
- [(e)] whereby as product material flows in the flow path from the inlet to the first and second product cavities, the pair of flow device actuation assemblies are operative to control [the] pressure, volumetric, and/or mass flow rate conditions of the product material filling the first and second product cavities [during fill].

3. (Amended) A process for making a part comprising a solidifiable product material, comprising:

- (a) flowing the product material in a flow path;
- (b) providing a flow channel comprising a portion of the flow path, the flow channel being adjacent to other portions of the flow path;
- (c) altering [the] a posture of the flow channel with respect to the adjacent portions of the flow path so that said flow channel is offset from said adjacent portions of the flow path; and
- (d) allowing said product material to solidify in said flow channel and said adjacent portions of the flow path whereby said part is formed with an impression of said flow channel and said adjacent portions of said flow path; [and

AS (e)] whereby said [flow channel] solidified material in
said flow channel is [being] offset with respect to said
[adjacent flow path portions'] solidified material in said
adjacent portions of the flow path.

Please cancel claims 5-15.

Please insert a new claim as follows:

12 -- ~~416~~ 416. The tooling assembly according to claim 1,
wherein said flow device actuation assembly is rotatable to
alter an angle of said flow channel with respect to said
product material channel. --

REMARKS

The Examiner objected to the abstract of the disclosure as being in improper format. A new abstract on a separate sheet is enclosed herewith.

The Examiner noted that the specification refers to Figure 17, but that Figure 17 was not found in the application. Enclosed are copies of applicants' patent application transmittal letter and return receipt acknowledgement card for the subject application. These documents show that the patent application was filed with eight sheets of drawings, one of these sheets being Figure 17. It appears that Figure 17 was inadvertently lost in the Patent Office. Accordingly, a copy of original Figure 17 is enclosed herewith, and the Examiner is requested to enter Figure 17 in the application.

The specification has been amended with regard to informalities of which the undersigned has become aware. Further, it is noted that the specification at page 12, lines 7-8 refers to a line CR in Figure 3, but applicants' copy of Figure 3 does not reference line CR. Accordingly, applicants propose to amend Figure 3 by adding reference "CR" as shown in red ink on the enclosed marked-up copy.

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